

Claim 10, line 1, delete "one of the claims 1-9" and insert --claim 1--.

Please amend claim 11 as follows:

11. (amended) [Method according to claim 10 and one of the claims 8 or 9], Method
according to claim 1, where in step b), said output values (P_1, \dots, P_n) are combined into a combined
output value (P_{out}) by means of a merging function ($f(x_1, \dots, x_n)$) which is truly monotonic,
continuous and continuously differentiable in all said output values (P_1, \dots, P_n), wherein $n = 2$ for
all subsets (11, 11', ...) of pixels, wherein step a), a longer exposure (22, 22', ...) and a shorter
exposure (26, 26', ...) are performed wherein said merging function ($f(x_1, x_2)$) has the following
properties:

- (i) preference is given to the output value (x_1) obtained from the longer exposure (22, 22', ...) when said output values (x_1, x_2) or a combination of said output values ($(x_1 + x_2)/2$) lie beneath a given lower limit (x_{low});
- (ii) preference is given to the output value (x_2) obtained from the shorter exposure (26, 26', ...) when said output values (x_1, x_2) or a combination of said output values ($(x_1 + x_2)/2$) lie above a given upper limit (x_{up});
- (iii) said merging function ($f(x_1, x_2)$) increases truly monotonically in said output values (x_1, x_2) when said output values (x_1, x_2) lie between said lower limit (x_{low}) and said upper limit (x_{up}).

Claim 13, line 1, delete "one of the claims 1-12" and insert --claim 1--.